

S. J. Felt
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Group 3700

PATENT
Attorney Docket No. 16436-709
Application No.: 09/079,703

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ronald Maynard

Application No.: 09/079,703

Filed: May 15, 1998

For: **THIN-FILM SHAPE MEMORY ALLOY
ACTUATORS AND PROCESSING
METHODS**

Group Art Unit: 3763

Examiner: Kline, E.

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the Official Action mailed June 10, 1999, entry of the following amendment and consideration of the following remarks is respectfully requested.

IN THE CLAIMS:

23. (Amended) A shape memory alloy catheter comprising:
- a catheter body formed with a sidewall portion and at least one micro-fabricated transducer;
- a shape memory alloy portion positioned adjacent the catheter sidewall portion having a lattice network of individually configured shape memory alloy micro-actuators; and
- an addressable thin-film heater element in communication with the shape memory alloy portion for activation of selected micro-actuators.